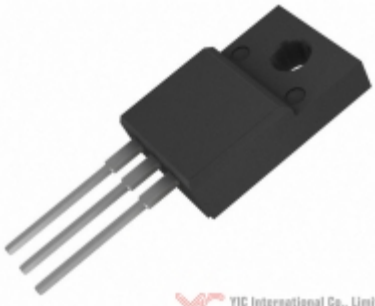

	<h2 style="color: #C00000;">AOTF12N30</h2>	
	<b>Manufacturer Part Number:</b>	AOTF12N30
	<b>Manufacturer/Brand:</b>	Alpha and Omega Semiconductor, Inc.
	<b>Part of Description:</b>	MOSFET N-CH 300V 11.5A TO220F
<b>Datasheets:</b>	<a href="#">1.AOTF12N30.pdf</a> <a href="#">2.AOTF12N30.pdf</a>	
<b>RoHs Status:</b>	 Lead free / RoHS Compliant	
<b>Stock Condition:</b>	New original, 35290 pcs Stock Available.	
<b>Ship From:</b>	Hong Kong	
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS	
Image may be representation. See specs for product details.		

### Specifications

Part Number	AOTF12N30
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 300V 11.5A TO220F
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	35290 pcs Stock
Series	-
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220-3F
Power Dissipation (Max)	36W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	300V
Current - Continuous Drain (Id) @ 25°C	11.5A (Tc)
Rds On (Max) @ Id, Vgs	420 mOhm @ 6A, 10V
Vgs(th) (Max) @ Id	4.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	16nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	790pF @ 25V
Packaging	Tube

AOTF12N30 is New Original in Stock, Search AOTF12N30 Datasheets, PDF, Inventory at Y-IC.com Online, Order AOTF12N30 Alpha and Omega Semiconductor, Inc. with warrantied and confidence. RFQ AOTF12N30 : Info@Y-IC.com

### You May Be Also Be interested In:

 <p><b>AOTF11S65L</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 650V 11A TO220F</p>	 <p><b>AOTF12N50</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 500V 12A TO220F</p>	 <p><b>AOTF12N50_007</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH TO220</p>	 <p><b>AOTF11S60_900</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH TO220</p>
 <p><b>AOTF11T65P</b> AOS AOTF11T65P AOS</p>	 <p><b>AOTF11S60L</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 600V 11A TO220F</p>	 <p><b>AOTF12N50A AOTF12N50</b> AO/ AOTF12N50A AOTF12N50 AO/</p>	 <p><b>AOTF12N50_001</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH TO220</p>

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⚙️ AOT470CU	↔️ AOT4S60L	⇒ AOT500_002	D AOT5B60D	↔️ AOT5N100
⊥ AOT7S60L	⚙️ AOT7S65L	D AOT8N80L	⇒ AOT9N40L	↔️ AOTF10B60D
⚙️ AOTF10N50FD	⊥ AOTF10N60	⚙️ AOTF10N60FD	↔️ AOTF10N65	↔️ AOTF10N90
D AOTF10T60	⚙️ AOTF10T60P	⊥ AOTF11C60	⚙️ AOTF11N60	↔️ AOTF11N62
⇒ AOTF11N70	↔️ AOTF11S60	⚙️ AOTF11S60L	⊥ AOTF11S65	↔️ AOTF11T65P
↔️ AOTF12N50	⇒ AOTF12N60	D AOTF12N60FD	⚙️ AOTF12N65	⊥ AOTF12T50P
⚙️ AOTF12T50PL	D AOTF12T60	⇒ AOTF12T60P	↔️ AOTF13N50	↔️ AOTF14N50
⊥ AOTF14N50FD	⚙️ AOTF15B60D	↔️ AOTF15B60D2	⇒ AOTF15B65M1	↔️ AOTF15B65M2
⚙️ AOTF15S60	⊥ AOTF15S60L	⚙️ AOTF15S65	D AOTF1610L	↔️ AOTF16N50
↔️ AOTF18N65	⚙️ AOTF20A60	⊥ AOTF20C60	⚙️ AOTF20C60PL	↔️ AOTF20N40

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

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